LINCOLN UNIVERSITY COLLEGE
DKU016 (B)

2022 SETARA COMPETITIVE UNIVERSITY COLLEGE

ISO 9001:2015 Certified

MASTER OF MECHANICAL ENGINEERING

(R2/0714/7/0010) (04/31) (MQA/FA 8016)



PROGRAMME DESCRIPTION

Mechanical engineering is referred to as the 'mother' branch of engineering. The Master of Mechanical Engineering allows students to pursue in-depth study in areas such as design, development, analysis, manufacturing, and maintenance of mechanical systems for a wide range of industries, including transportation, automation, medical, energy generation, electronic, sports and aerospace. The students will be exposed to other engineering subjects like management as well as professional practice to understand the relationship that exist between the organization and individuals that is related to the Mechanical Engineering field. Practical application of the knowledge and skills will be demonstrated in projects reflected at both the personal and work level. The program combines core mechanical engineering courses with technical electives including Operational Research, Reliability and Maintenance Engineering Natural Forms of Energy, Design of Material Handling Equipment, Industrial Design and Ergonomics Project Management that enable the student to increase his/her knowledge and competence related to Mechanical Engineering marketable job scope.

For successful completion of Masters degree in LUC, each candidate should publish minimum of Two research articles in scopus indexed journals, with Lincoln affiliation.

PROGRAMME AIM

A Master's degree in Mechanical Engineering provides the knowledge and principles of physics and materials science to the design, improvement, creation or analysis of mechanical processes, products or systems. The aims of this programme are,

- To meet the ever increasing current industrial demand by providing knowledge regarding the principles underlying mechanical science.
- To identify and address the current and future mechanical engineering problems related to structural dynamics, production, conversion, efficiency, and control within a broader framework of sustainable development;
- To combine advanced mechanical engineering subjects with management modules specially designed for engineers.
- To provide advanced levels of training suitably geared for students pursuing careers in industry, research and development, services and consultancy.
- To apply a multi-disciplinary approach to conceive, plan, design, and implement solutions to problems in the field of mechanical science.

Call us :

1 300 880 111 (Malaysia)
+603 78063478 (International)

Web : www.lincoln.edu.my | E-mail : info@lincoln.edu.my

Kolej Universiti Lincoln, No. 12, 14, 16 & 18, Jalan SS 6/12, 47301 Petaling Jaya, Selangor

No. 2, Jalan Stadium, SS 7/15, Kelana Jaya, 47301, Petaling Jaya, Selangor Darul Ehsan, Malaysia.

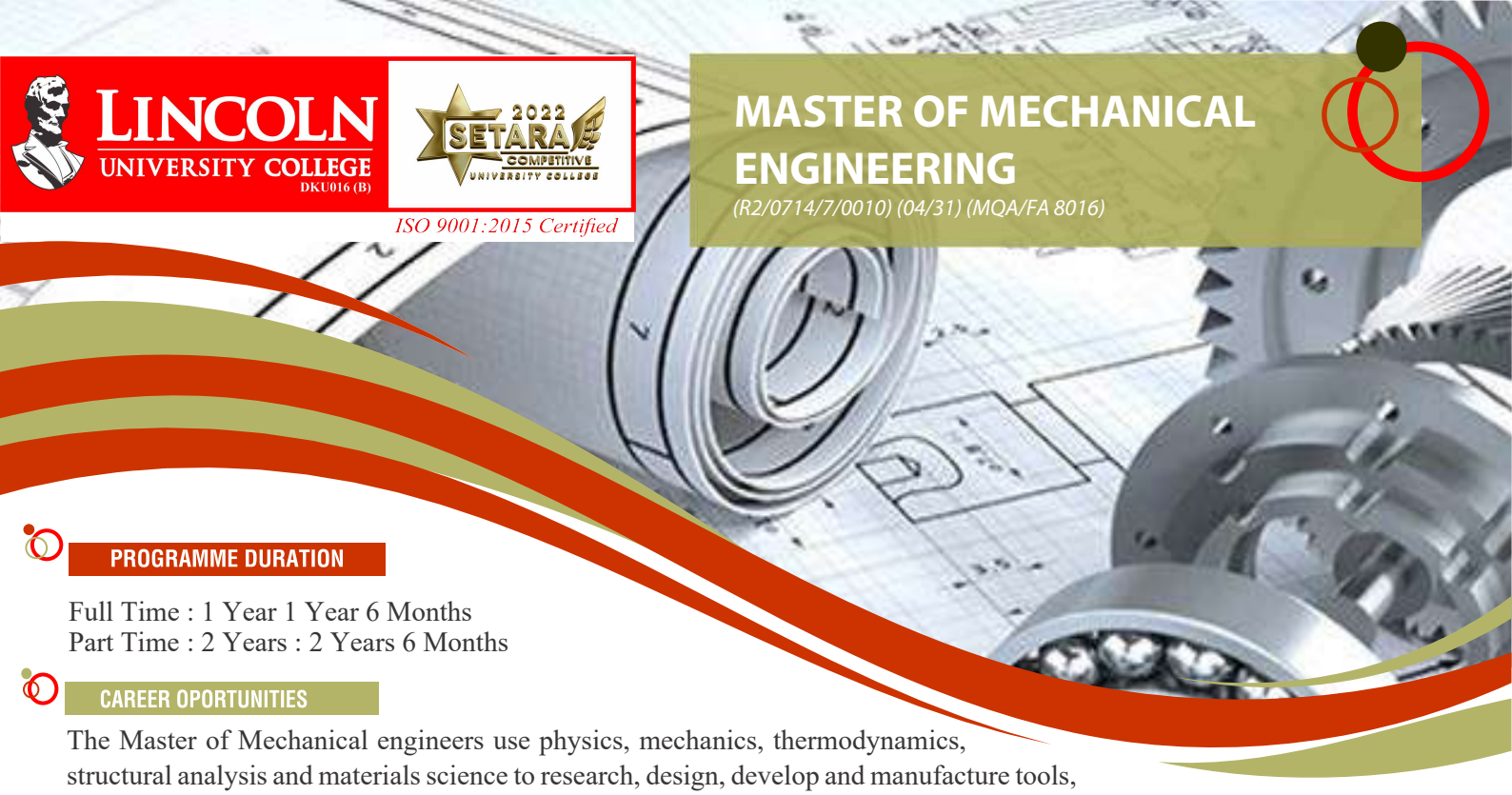
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PROGRAMME DURATION

Full Time : 1 Year 1 Year 6 Months
Part Time : 2 Years : 2 Years 6 Months

CAREER OPORTUNITIES

The Master of Mechanical engineers use physics, mechanics, thermodynamics, structural analysis and materials science to research, design, develop and manufacture tools, machines, engines and various other mechanical devices. They may also proceed with applied research, product development, teaching or management professions. Some careers that professionals can attain once they complete the course are:

· Aerospace engineer · Automotive engineer · Contracting civil engineer · Control and instrumentation engineer
· Maintenance engineer · Mechanical engineer · Corporate investment banker· Mining engineer · Patent attorney
· Production manager · Technical sales engineer · Water engineer · Piping Engineering

INTAKE AND ENTRY REQUIREMENTS

Intake: March, July, November

Entry Requirements:

i. Bachelor's Degree (Phase 6 MOH) in Engineering with a minimum CGPA of 2.50 or equivalent, as received by the PPT Senate; or

ii. Bachelor's Degree (Level 6 MOH) in Engineering or its equivalent but does not achieve CGPA 2.50, admitted to be subject to a minimum of 5 years working experience in the field relevant.

For candidates with a Bachelor's Degree (Level 6 MOH) in Science or Technology (non- Engineering), the engineering pre-requisite module must be offered to prepare them for further study.

For candidates who have a Bachelor's Degree (Level 6 MOH) not in Mechanical Engineering should take Machine Design course.

For international students, Test of English score as a Foreign Language (TOEFL) 500 or score international English Language Testing System (IELTS) 5.0 or equivalent.

If the student do not meet those criteria, PPT must offering English language skills courses to ensure adequate student proficiency to meet program requirements. This matter usually done through the assessment process.

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